

ABSTRACT OF THE DISCLOSURE

An interrupt-free interface apparatus between a modem processor and a media processor and a method thereof comprises a modem processor for
5 processing data received through a wired or a wireless channel from outer side
and for performing various controls according to the data receipt; a multimedia
application processor (MAP) for processing information such as
voice/sound/moving picture which will be provided to a user; and a dual access
memory for storing an indicator and an index for identifying normal
10 transmitting/receiving status of the data and the number of data in case that the
data is written or read between the modem processor and the MAP with a
predetermined period, to solve problems such as processing speed lowering
generated in a case that a processor becomes to have larger processing load so
as not to process other task when the interrupt having higher priority is generated
15 frequently between the modem processor and the MAP, and therefore, data
processing function between the two processors can be improved and power
consumption of the terminal can be reduced.